# TAKING CARE OF THAT GARDEN OF MINE

Common Plant Diseases and How to Spray for Them-The Art of Garden Puttering - Some Garden Problems Solved.

EDITED BY E. L. D. SETMOUR.

Editor's note: This department is maintained to interest and help those who enjoy growing things indeors and out. The editor will gladly receive criticisms and suggestions as to the sort of articles that will be most useful. Has will also be glad to assist readers in solving will also be glad to assist readers in solving their garden problems. Inquiries received up to Thursday noon will be answered if possible, in the following Sunday's Tribune if a personal reply is desired instead of, or as well as, an answer in these colums, there should be inclosed with the inquiry a stamped, addressed EDITED BY E. L. D. SEYMOUR.

I mean those warm, still, damp, muggy case of pear blight; and in small vegeebb, but when it is a good time to keep tive proceeding is to destroy every disbusy in the garden, nevertheless. We are eased plant without compunction before therefore going to size up this disease an "epidemic starts." problem and the means at hand for solving it, as we took up the insect pests last not only commonest, but also the easiest

# THREE SORTS OF

These three types are illustrated by fire mild sulphurous vapor. or pear blight, which attacks also ap- Copper cannot, however, be used in cies, the soft rot of turnips and the devised what is probably the most effect blight, and the crown gall of the olive, standard formula calls for raspberry, etc., respectively.

plant diseases, as far as general principles go-the details in any particular and the process of making the mixture is we find occasion to discuss that particular disease—the means at our disposal are, make a smooth, creamy solution, then of ammonia, or enough to dissolve the spring flowering shrubs have bloomed, it first, the destruction of the organism dilute this with, say, five gallons of water. .crystals (the amount will vary according causing the disease by means of some Put the copper sulphate in a bag of coarse to the strength of the ammonia). spray, fumigation or other treatment; secant varieties of plants; and, third, the two solutions simultaneously into a third pour off the clear, light blue liquid, dilut practice of cultural methods, crop rota- earthen or wooden vessel, then add water it with seven quarts of water and the organism or destroy it in some quicker

as seven years, even though no crop of ready prepared and needing only dilution the fruit. This is potassium sulphide cabbage, or allied crop, is raised thereon. or mixing with water before using. However, heavy applications of lime seem to destroy it, so the combination of this the small gardener to prepare his own ten gallons, the requisite amount being precaution and a rotation, in which no lime-sulphur mixture, which is also an prepared whenever needed, since this, too, two cabbage crops (or crops of the cab- effective fungicide, as well as a spray for | weakens upon standing. bage family) are grown on the same area within three years of each other, seems ed for winter use, since ready prepared in regard to the use of all these fungi-

an effective method for keeping the dis-

tiseptic precaution, the remaining healthy tissue thoroughly cleaned and rendered HE last week has brought at least aseptic, and the subject induced to make two days of the sort that hasten all possible healthy, new growth. This the development of plant diseases; is exactly the course to be pursued in the when one's ambition is at a low table crops the quickest and most effec-

Fortunately the fungous diseases are to control-provided conscientious and intelligent care is given. The treatment consists of spraying the affected plant with some fungicide, of which copper and sulphur are the most frequently used. In PLANT DISEASES sulphur are the most frequently used. In the greenhouse, for instance, an attack of wilt or blight can usually be stamped All plant diseases are of three kinds- out simply by sprinkling about the fine fungous, bacterial and indeterminate, or, "flowers of sulphur," or by painting the rather, of a nature that is not thoroughly steam pipes with a sulphur paste which, understood nor as yet wholly describable. | under the action of the heat, gives off a

pies, quinces, plums and some wild spe- any such simple state, so there has been deadly chestnut bark disease; the black tive and well known fungicide of the rot of cabbage, cucumber wilt and bean present day-Bordeaux mixture. The

Now, as to the cure or prevention of lant diseases, as far as general prin
Water

Copper sulphate (bluestone) 4 pounds
Quicklime 50 gallons

end, the production and growth of resist- of water until dissolved. Then pour the ment (if any appears) to settle. Finally tions, etc., that will either starve out the to make fifty gallons, stirring thoroughly spray is made. It is really best to make during the latter operation. While this small quantities of this material as it is is a simple enough process, it is not needed, since it loses its strengh after The club root disease, for instance, is necessary that you should trouble your- standing. caused by a so-called "slime mould" or- self with it, since it is now possible to One other material is used, especially ganism that lives in the soil for as much buy concentrated or "dry Bordeaux" al- on gooseberries, which does not discolor

> In the same manner it will rarely pay with water at the rate of three ounces to various scale insects, and especially suit-

YOUR HEDGE

because of this almost colorless nature and multiply. can be used on fruits even after they begin to ripen and take on their final color. To make fifty gallons of this mixture re- planting and transplanting season you quires six ounces of copper carbonate and three pints of ammonia, besides the water. place." If so, now is the time to spruce But for most amateur purposes eight quarts, made as follows, will suffice.

copper carbonate in a quart glass pre- itself would be better for a weeding and

(liver of sulphur), which should be mixed Now, one more word of general advice

mixtures can be bought at any good seed cides. When you spray use an outfit. however cheap and small it may be, that One spray mixture for fungous diseases, will produce a fine, dense mist, not a the third of this invaluable trio, can, how- coarse stream or sprinkle of large drops. ever, be easily prepared by any one, and The idea is to cover every bit of the it is very likely to prove of great value surface of every leaf and stem of every later on in the season. This is an amplication of the moniacal copper carbonate solution, which parasitic fungus will find room to live

It is conceivable that during the busy somewhat neglected the "looks of the up. Mowing the lawn isn't all there is to it, for the edges of the flower beds and Place two level tablespoonfuls of the paths need trimming, probably the path

### Does Anything Ail Your Garden?

This is the season for plant diseases to become established. Have your flowers and vegetables been attacked? Elsewhere on this page are discussed the main classes of such maladies, their causes and the general principles of their treatment. If you are in doubt, however, send a specimen of your diseased plant to the editor of this page and receive a prompt diagnosis and detailed suggestions as to its treatment. Address

The Garden Editor of The Tribune.

THE SUCCESS OF A "WILD GARDEN" DEPENDS UPON ITS BEING MADE TO LOOK AS THOUGH MAN HAD NEVER INTRUDED THERE . Photos Countery Doubleday Roje & Co

as need attention. Finally, the hedge! Practically all agricultural drainage should be trimmed, beginning, around work is done with the common, red, un-New York, within a week or two at the glazed brick tile, which comes in foot latest.

By cutting back, say, five inches of the new growth about now you both give a dressy, finished appearance to the hedge and prevent all the waste of energy mentioned above. Another result is that growth is made denser, more attractive three or four-inch line, or two parallel and, when necessary, more impregnable.

FIRST AID FOR THE ANXIOUS GARDENER

in diameters of two to ten or more inches and in round, hexagonal and horseshee or U-shaped forms. For most fumes mixed with air form a highly conditions the round is the best, with the hexagonal second in popularity. the average branch or lateral drain the away from it. every twig you cut in the process seeds two-inch size is sufficient unless the out at least two more, so that the entire soil is extremely wet, in which case a two-inch lines of pipe can be used.

I find on several of my peach and plum trees masses of gum or sticky jelly, but I cannot find any signs of insect or any other symptoms of disease. What is the cause and remedy, if any?

G. I. E.

MRS. J.

MRS. J.

MRS. J.

MRS. J.

All three specimens seem to ind the presence of one of the wilt fun diseases as described above. Buy a Bordeaux mixture, use it according to the presence of the will fun diseases as described above. Buy a Bordeaux mixture, use it according to the presence of the will fun diseases as described above.

by different authorities, and cach likely to be contradicted by se else. Perhaps the following advice for an English horticultural periodical prove just what your case needs least the writer has the benefit of surance and confidence in his mendation:

"The primary cause of gumm stone fruit trees is imperfect root act and lack of food. Without doubt roots have got down into poor soil are not running near the surface good gardener who finds his ch gumming and knows the inevitable sult unless checked, will be death He, therefore, opens a trench two wide and as deep round the tree, s three feet to four feet from the me according to the size of the tree, cut off very neatly all roots found, to grubbing under the ball and cutting downward ones. Then he fills in spaces thus made with some good ve loam, with which is mixed some he rubble or old plaster. When all is es up he forks off the soil over the n and replaces with fresh, finally the tree roots a mulch or top-dress half-decayed manure. Such treatm will steady and moderate the grow and the gumming will disappear."

My lawn is badly infested with a that make ugly burrows and more all over its surface. How can I set n of them?

Boiling water poured down the b rows is the simplest way, but it is always wholly effective The best me is to enlarge the opening with a s round stick about as large as your ger, thrusting it about a foot into ground in each hill or nest. Then po into each opening three tablespoon of bisulphide of carbon, which you buy for a few cents at any drug st Close up the hole immediately with bit of earth, a piece of sod or a t of wet rags. If any ants are in evide after two or three days watch to movements and find out where their are and treat these in the same w The carbon bisulphide is a heavy, or less fluid that evaporates readily. is entirely harmless to handle, but plosive gas. Therefore, keep all ciga-For cigarettes and fire of any knd e

As you suggested a week or so a I am sending herewith some leaver; the plants that are not doing well, by which you do not think the worms injuring. Can you tell what in ich you do not tell what is the muring. Can you tell what is the muring. With them and what to do?

MRS. J.

Bordeaux mixture, use it What is the best kind of tile to use in . The gumming or "gumnosis" of stone directions given on the package, and think your plants will recover.

# News and Views of the Private Schools Edited by L. E. TUCKER



## COMMENCEMENT AT ALL HALLOWS

tian Brothers in New York.

Astoria of All Hallows Institute.

annual prize speaking contest, in which ten students participated and which farreaching." was won by George C. Shannon, was a feature of the exercises. The graduates were Edward A. Blake, Harold J. Cone, Richard E. Keogh, John J. Kinney. Herbert J. Ryan and George C. Shannon.

Christian doctrine, E. A. Blake; senior under which you find yourselves here this debate, H. J. Cone; junior debate, Fran- evening. Nature is now beautiful, but it cis Slayne; excellence, fourth year, aca- is yet in its initial stage. There are as demic, G. C. Shannon; excellence, third many leaves on the trees now as there year, Percival Cowan; athletics, John J. ever will be, but they have not yet ma-

Ireland. Certainly, what you have wit not come at once and if your work seems nessed in this evening's commencement beneath your ability. Sometimes you may exercises would convince you that as be dissatisfied and uncomfortable and More than five hundred enthusiastic parents and friends recently attended the among us, 'made good.' The manner in for you. You are then keeping your 'vigil mmencement exercises at the Waldorf- which these young men acquitted them- of arms.

> Bourke Cockran, who was introduced by Monsignor Mooney, said in part:

Gold medals were awarded as follows: condition is typical of the circumstances Kinney; excellence (pre-academic), F. tured-they have not yet reached their

school was due, he said, to the whole- and was rejected. If, however, he kept hearted support and encouragement of his vigil the following day the golden the zealous pastor, the Rev. James W. spurs were put upon his heels, his armor was placed around him, his sword was Monsignor Mooney, who awarded the girded on him, and he was declared a Mgr. Mooney and Bourke Cochran

Pay Tribute to the Irish Chris
Monsignor Mooney, who awarded the diplomas and presented the medals, said:
"That was a very fortunate day on which the New York teaching body received the accesssion of the Christian Brothers of Ireland. Certainly what you have with the common terms of the discouraged if success does are the common terms of the common terms."

Monsignor Mooney, who awarded the diplomas and presented the medals, said:
"That was a very fortunate day on which the New York teaching body received the accession of the Christian Brothers of Ireland. Certainly what you have with the common terms of the common terms."

Monsignor Mooney, who awarded the diplomas and presented the medals, said:
"That was a very fortunate day on which the New York teaching body received the accession of the Christian Brothers of Ireland. Certainly what you have not come at common terms."

> selves and every feature of the pro- "The true key to success is love of your gramme show instruction thorough and work. It is not money but the making of money, not the result but the actual

work which is success. Money itself is merely the monument of success, not the real joy of life. Riches do not bring hap-"If you follow out the example of Gerald Griffin, so well referred to by one of your companions this evening, you can be

absolutely certain of success. To accomplish his aim Gerald had to spend his time and energy in the endeavor to make "Don't mind delays before being recognized. Eager eyes will seek you out, if there be merit in you. If there be merit in you you cannot conceal it. No matter

to what kind of fruitful labor or to what profession you devote yourself. Your merit is the measure of your success. The result of a life spent in upright and zealous labor will be that you will be an honor to your faith and to your God, in whose bosom you shall eternally dwelli.

# COMMENCEMENT AT BERKELEY SCHOOL

tended. Miss S. H. Bingham, instructor camp idea become, so that each year sees Nt., among the pines on the shores of is of dull, old oak, and is adapted to gramme, which consisted of the well size of these educational camps. chosen selection of recitations and play-

Meehan; Jerome Reilly and John Cos- full development. You, too, possess all Fowler as head master of the Berkeley in the land of his dreams. the qualities and characteristics you will School in 1910. He will himself be suc- Nor is the ght a whit behind the boy In the speaking contest the following ever possess, but they are not fully de- ceeded by Professor Maurice S. H. Un- in her desire to live out of doors among veloped. Each one of you has different ger. for the last thirteen years head the beauties of nature.

business. Dr. Fred O. Virgin, on behalf galow, with living rooms, dining room,

Right Rev. Monsignor Mooney, who pre- a cry of distress, that strong appeal Dr. and Mrs. R. Johnson Held, Mr. and sided, spoke of the progress of the school , which every true knight was supposed to Mrs. M. S. H. Unger, Mr. and Mrs. Fredsince its foundation, five years ago. Dur- answer If he left his place in response erick D. Peltier, Mr. and Mrs. J. Clarke ing these years the number of pupils had to this call, it showed he was enthusiastic Read, Miss Read, Mr. and Mrs. William increased from twenty-five to 140. Much but not loyal: if he deserted it from a H. Brown, Mr. Frank W. Halman and



CAMP CHAMPLAIN

# SUMMER CAMPS MORE POPULAR

The old idea that education should be given to children only during the winter months has been superseded by the modern idea that education is an all-the-yearround preparation for life. This means that many of the best private schools have come to supplement the academic study of the winter by a special out-of-The annual commencement exercises at door supervised play during the summer the Berkeley Lyceum were largely at- months. More and more popular has this About nine miles north of Burlington, harmonize with the walls. The furniture Where is the boy who does not love

of Mr. Sloane's wife. In a few well blood and makes him feel that the Ind- st. and West End av., New York City. chosen words Mr. Brown reviewed the lans still roam through the woods. The Mr. Sloane at the Berkeley Jure of the camp and of the wood capt- Eighteenth Commencement School during the last few years. Mr. ures his fancy, and deep down in his Sloane succeeded the late Dr. Edwin M. heart he yearns to live like the Indians

bedding are of the best.

Instruction is given under the direction the department of history, Alva Becker of the headmaster of Riverdale Country and Elizabeth Leuteritz in the departtaste and feeling "Home, Sweet Home" day to be fitted to his body. The legends and "Sweet The Angelus Is Ringing."

The Rev. Brother Doorley, the principal of All Hallows, when introducing the pal of All Hallows, when introducing the contribution of the department of sociol-state and nonors were announced by the head master.

Among those present were Mr. and Mrs. Glenn William Hinshaw, Mr. and Mrs. Glenn Hinshaw, Mr. and Mrs. Glenn Hinshaw, Mr. and Mrs. Glenn Hinshaw, Mr. and Mrs. H. C. Smythe, attainment can be fairly grouped. Hours attainment can be fairly grouped. Hours attainment can be fairly grouped. Hours attainment can be fairly grouped. for study are under supervision, and ogy. every device is employed to develop proper habits of mind. The work em- The College of New Rochelle will open braces school subjects and college en- its summer school on July 6. An unus-

trance examinations. Parents and boys unfamiliar with the ed to be present.

principles and the methods of the Boy Scouts of America will be given full data. This is one of the most important movements ever formed to inspire and to maintain qualities of nobility. Riverdale affords opportunity to become part of this world organization and to achieve the successive grades and awards under the most favorable curcumstances. Those who win honors for scouting, for tennis or water sports receive trophies. To the most faithful boy is presented a silver cup, and his name is inscribed on the camp scroll.

### CAMP CHAMPLAIN.

of elecution, had charge of the pro- a constant increase in both number and Mallett's Bay, is located Camp Champlain, this camp is to give the boys the hap-board covered with old style draperies into cloth and sent back here to the freedom and the grandeur of the great plest, most instructive and most health-William H. Brown, president of the outdoor country? Is not the fondest ful summer possible; to develop them nouncement of the retirement of the tent on the shore of some picturesque teach them self-reliance, generosity, and ful, peaceful, restful room that no great cotton at the same prices we charge to the dead master. Joseph Curis Steam retirement due to the continued ill health swam? The boy's imagination thrills his camp belongs to the Berkeley School, 72d

# The eighteenth annual commencement

of Adelphi College took place at the Brooklyn Academy of Music last week. The Rev. Dr. Charles Carroll Albertson addressed the graduates on "The Mission of the Scholar." Forty-eight girls received the junior college certificate, thirty-In the heart of the Adirondacks, Camp five girls were awarded the diplomas of and art teachers, and forty-three girls re-The camp settlement consists of a bun- ceived degrees as Bachelor of Arts.

The following members of the graduatweather or illness. The boys and coun- attainment of highest excellence in the sellors, however, sleep in tents on plat- work of any department during the senior

Priscilla Bexter and Helen Handrich in

ually large number of students is expect-

thusiastic of educators are privileged to violates the principles of simplicity seck freedom from educational cares, it brought to school by any student the is, indeed, encouraging and refreshing to dress is at once sent home." meet the head of a large school who is positively bubbling over with enthusiasm regulation study dress, the everyday dress for next winter's plans. To see Miss of the school, is a blue serge unit Mason, at this season of the year, in neatly fitting and made by the naval tall this mood is to cease to wonder why ors. The price of this uniform is only if her school is such a great all-round suc- for the older girls and less for the youndcess. "I believe," said Miss Mason, "that er ones. At the military drill on the any person engaged in educational work nual May Day festival this blue unit any person engaged in educational work nual May Day festival this blue uniformust have self-improvement as a basis is replaced by a white one made in for the professional improvement of any actly the same way. In the warm weather institution to which she is attached. the uniform is a duplicate of the wine Therefore, I am planning to spend part one, but it is made of navy blue lines. of my summer in freshening up my The simple, neat athletic suit costs knowledge of languages." Of course, it than \$5. A blue wool dress for street as is well known that Miss Mason is quite church costs from \$20 to \$35, according an accomplished linguist.

another of her self-set tasks for the costing from \$16 to \$19. helps her girls to culture by means of serve as models for the gowns of their surroundings. She told how she is pupils, are carefully revised by Mereplanning some of her girls' bedrooms Mason herself and changed in accordans summer. That is, she described how she in such a way as to make each girl's with the styles. Thus each girl is taute room a lesson to her. The aim of Miss to dress simply, appropriately and was as a part of her school training at The each room so planned as to minister to Castle. some pose of nature. The special bedroom which Miss Mason is now engaged in planning as a sort of type room to serve as a guide for the decoration of the other rooms is a room facing the just shown its appreciation of music This room has been planned in soft

tones of warm gray with relief of orange in a sort of burnt woodsy tone. The ciation of music by Haverford. room is a Gothic one and a great window looks right out on to a thick forest. The draperies are of gray and orange to the shape of the room. The bed is of metal, with both headboard and footwhich harmonize with the rest of the sell our own mills. No wonder that for

This amount of expense will be required in its it here and then we lower our tariff outfitting. That means that no student at that they can use this cotton to continue the school will be possessed of too slender an income to be able to afford to du- basis here. plicate that room in her own home. At the same time the room arrangement readily at Adelphi College lends itself to more luxurious plans. "Another point which I seek to empha-

MISS MASON'S WORK | size," continued Miss Mason, "is the cullprocess of setting up in each girl's min AT "THE CASTLE" an ideal of what good taste requires he to wear upon all kinds of dress occasion My dress regulations prescribe definitely what kind of a dress is to be wort At this, the wearisome end of the on all occasions, and simplicity is the kerschool year, when even the most en-

showed many attractive costumes.

the quality of the cloth. The evening of Miss Mason then proceeded to describe party dress, is a white crepe de chies

Each year these types of gowns,

### QUAKER COLLEGE HONORS MUSIC

The Quaker College at Haverford of opera by conferring upon David Bisp ham the degree of Doctor of Laws. The is the first case on record of such appro-

HOW THE TARIFF WORKS From Fibre and Fabric.

We are going to export over 9,000. bales of cotton this year and a generos share of it is going abroad to be made eign cotton manufacturers are laus Miss Mason has so planned this beauti- at our way of doing things. We give the

Private school announcements will be for

# LASTCALL! HIGH TIME NOW to PLANT out for the SUMMER AND FALL CUT FLOWER

the strong young plants of CHYSANTHEMUMS, in all the best EARLY kinds, yellow, white, pink, etc.; DOUBLE TEN WEEKS STOCKS, in best strains of white, pink, lilac; CHOICEST strains of ASTER plants, including COME, CREGO, OSTRICH PLUME, ASTERMUM, and LATE BRANCHING, in a colors. ALSO early blooming COSMOS, CANDYTUFT, CALENDULS ZINNIAS, PETUNIAS, SALVIAS, SWEET SULTANS, SNAPDRAGONS, cannas coleus, ice pinks, double hasturtiums, ivies. ALSO, wistarias, bignonias akebias, and other hardy vines and plants.

Any 20 of above \$1; any 55 for \$2.50; any 120 for \$5, charges prepare VEGETABLE PLANTS of quality; TOMATO, egg, pepper, plants for ots 50 for \$1.50. LETTUCE, CABBAGE, CELERY, CAULIFLOWEL PARSLEY, SWEET POTATO, any 50 for \$1.00 ppd.

HAMPERS of choice cut flowers sent charges ppd. anywhere at \$1, \$2 \$3 and \$5 each.

THE HARLOWARDEN GREENHOUSES

### laneum," Walter J. McBride; "Lafayette," bear with him for a little while. Harold J. Cone: "Gerald Griffin," Fran- "You are familiar from your school of the Alumni Association, presented to kitchen and bedrooms used in unusual ing class were awarded honors for the cis Slayne; "Emmiet's Vindication," work with the customs of chivalry. In Mr. Read a handsome loving cup. George C. Shannon.

HERBERT J. RYAN \_

EDWARD - A. BLAKE

selections were delivered;

"Ireland and America," James Hooks: traits of character and peculiarities which master of St. John's School at Manlius.
"Custer's Last Charge," T. Jefferson Vail, fit you for a certain position, but I may Professor Unger will assume charge of RONDACKS. "Death of Charles IX," James M. be safe in assuming that you are all alike the Berkeley School next fall. O'Brien; "The Exile's Return," Greenville in desiring success. No doubt you would J. Clarke Read, associate head master T. Keogh; "The Moor's Revenge," Ed- be very glad if you could meet a person of the school, who has been connected Riverdale is joyously entering upon its the Normal School for kindergartners ward A. Blake: "Decoration Day," James who could tell each and every one of you with the school for thirty-four years, third year. B. O'Reilly; "The Last Days of Hercu- how to become successful. You would retires from Berkeley this year to enter

TANDINO) CLAMES CHESTER HAWKINS, GEORGE CUNNINGHAM. SHANNON -ICHARD EMMET KEOGH, & ROSWELL KAWKINS. (SBATED) JOHN D. KIENNY; IERBERT J. RYAN \_- REV. BROTHER DOORLEY. DEINCIPAL HAROLD J. COHE

those days when a young man was about Addresses were made by Mr. Brown, sellors, however, sleep in tents on plat-work of any de college course:

The school orchestra rendered some to be admitted to knighthood he spent Mr. Sloane, Mr. Unger and Mr. Read. choice selections and there were violin the preceding day and night in what was Diplomas were presented to the members solos by William McCarthy and James termed his vigil of arms. He had to re- of the graduating class by the president The choral class sang with main beside the armor which was next and honors were announced by the head

head master, Joseph Curtis Sloane, a lake where Indians formerly fished and respect for the rights of others.

of the success that had attended the baser motive, he was declared a recreant M. Frank Gulden.